

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A purified peptide ~~having the general structural formula comprising the amino acid sequence:~~

His-Gly-Val-Ser-Gly-Trp-Gly-Gln-His-Gly-Thr-His-Gly (SEQ ID NO 1)

or pharmaceutically acceptable salts, or ethers, or amides thereof.

2-4. (Canceled)

5. (Previously presented) The peptide of claim 1 selected from the group consisting of His-Gly-Val-Ser-Gly-Trp-Gly-Gln-His-Gly-Thr-His-Gly (SEQ ID NO 1), His-Gly-Gly-Gly-Trp-Gly-Gln-Pro-His-Gly-Gly-Gly (SEQ NO 2), His-Gly-Gly-Gly-Gly-Trp-Gly-Gln-Gly-Gly-Thr-His-Gly (SEQ ID NO 3), His-Gly-Gly-Gly-Trp-Gly-Gln-Pro-His-Val-Gly-Gly (SEQ ID NO 4), His-Val-Gly-Gly-Trp-Gly-Gln-Pro-His-Gly-Gly-Gly (SEQ NO 5), Gln-Gly-Gly-Gly-Gly-Trp-Gly-Gln-Pro-His-Gly-Gly-Gly-Trp-Gly (SEQ ID NO 9), His-Gly-Gly-Gly-Trp-Gly-Gln-Pro-His-Gly-Gly-Gly-Trp-Gly (SEQ ID NO 10), and His-Gly-Gly-Gly-Trp-Gly-Gln-His-Gly-Gly-Gly-Trp-Gly (SEQ ID NO 11).

6. (Canceled)

7. (Previously presented) The peptide of claim 1, having antiproliferative and cytotoxic activity.

8. (Previously presented) The peptide of claim 1, having antitumoral activity.

9. (Previously presented) The peptide of claim 1, having antiviral activity.

10. (Previously presented) The peptide of claim 1, having interferonogenic activity.

11-13. (Canceled)

14. (Currently Amended) A chemical compound having anti-proliferative, cytotoxic, antitumoral or antiviral activity, comprising the amino acid sequence as ~~defined in claim 1~~ His-Gly-Val-Ser-Gly-Trp-Gly-Gln-His-Gly-Thr-His-Gly (SEQ ID NO 1), wherein the chemical compound is not a natural peptide or protein.

15. (Currently Amended) A pharmaceutical composition comprising the ~~a~~ peptide of claim 1 comprising the amino acid sequence His-Gly-Val-Ser-Gly-Trp-Gly-Gln-His-Gly-Thr-His-Gly (SEQ ID NO 1).

16. (Canceled)

17. (Previously presented) A pharmaceutical composition comprising the chemical compound of claim 14.

18. (Withdrawn) A nucleotide sequence coding any one of the peptides of claim 1.

19. (Withdrawn) A vector suitable for the expression of the peptides of claim 1 in a host cell which expresses said peptide after transformation.

20. (Withdrawn) A host cell transformed by the vector of claim 19.

Claims 21 to 26. (Canceled)